Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1   1 (currently amended). A method for designing or deploying a
2   communications network, comprising the steps of:
3   providing a computerized model which represents a physical
4   environment in which a communications network is or will be installed~~;~~
5   ~~said computerized model providing a display of at least a portion of said~~
6   ~~physical environment~~;
7   identifying a plurality of system components which may be used in
8   said physical environment <u>as at least a part of said communications</u>
9   <u>network, some or all of said system components having one or more</u>
10   <u>electrical characteristics or frequency specific information</u>;
11   identifying at least one component kit composed of at least two
12   system components of said plurality of system components<u>, wherein</u>
13   <u>interconnectivity of said at least two system components without a fault is</u>
14   <u>assured</u>;
15   ~~selecting either specific components from said plurality of system~~
16   ~~components or~~ <u>determining, using said computerized model, at least one</u>
17   <u>performance characteristic for said at least a part of said communications</u>
18   <u>network which includes</u> said at least one component kit ~~for use in said~~
19   ~~computerized model~~; and
20   representing said ~~selected specific components or said at least two~~
21   ~~system components of said~~ at least one component kit in ~~said display as~~
22   <u>said at least a</u> part of ~~a~~ <u>said</u> communications network <u>together with a</u>
23   <u>representation of at least a portion of said physical environment</u>.

1   2 (Currently amended). The method of claim 1 wherein said ~~second~~
2   identifying <u>at least one component kit</u> step includes the steps of
3   selecting said at least two system components from said plurality of

4   system components identified in said ~~first~~ identifying <u>a plurality of system</u>

5   <u>components</u> step~~; and~~

6   ~~presenting said selected at least two system components as said at~~

7   ~~least one component kit in said display~~.

1   3 (Currently amended). The method of claim ~~2~~ <u>1</u> wherein more than one

2   component kit is <u>represented</u> ~~presented~~ in said <u>representing</u> ~~presenting~~

3   step.

1   4 (Currently amended). The method of claim ~~2~~ <u>1</u> wherein more than two

2   system components are in said at least one component kit.

1   5 (Currently amended). The method of claim 1 further comprising the step

2   of generating a bill of materials containing cost information for ~~said~~

3   ~~selected specific components or said at least two system components of~~

4   ~~said at least one component kit utilized in~~ <u>at least a portion of</u> said

5   communications network <u>which includes costs for one or more specific</u>

6   <u>components or one or more component kits</u>.

1   6 (Currently amended). The method of claim 1 wherein <u>said representing</u>

2   <u>step provides</u> ~~said display is~~ <u>a</u> three dimensional <u>display of a representation</u>

3   <u>of at least a portion of said physical environment, one or more components</u>

4   <u>or component kits, or one or more performance characteristics</u>.

1   7 Canceled

1   8 (Currently amended). The method of claim <u>1</u> ~~7~~ further comprising the

2   steps of measuring performance data in said physical environment and

3   <u>representing said performance data</u> ~~presenting the measured performance~~

4   ~~data in said display~~.

1   9 (Currently amended). The method of claim 1 ~~7~~ further comprising the

2   steps of measuring performance data in said physical environment and

3   comparing or tuning results from ~~said~~ one or more prediction models used

4   in said determining step with ~~to said~~ measured performance data.

1   10 (Currently amended). An apparatus for designing ~~and~~ or deploying a

2   communications network, comprising:

3   ~~a means for providing~~

4   ~~(I)~~ a computerized model which represents a physical environment

5   in which a communications network is or will be installed, ~~said~~

6   ~~computerized model providing a display of at least a portion of said~~

7   ~~physical environment, and~~

8   ~~(II) performance attributes for a plurality of system components~~

9   ~~which may be used in said physical environment;~~

10   ~~means for identifying~~ a selector for selecting one or more

11   computerized representations of one or more ~~plurality of~~ system

12   components which may be used in said physical environment as at least a

13   part of a communications network wherein some or all of said system

14   components have one or more electrical characteristics or frequency

15   specific information;

16   ~~means for identifying~~, and for selecting at least one component kit

17   composed of at least two system components of said plurality of system

18   components, wherein interconnectivity of said at least two system

19   components without a fault is assured;

20   ~~means for selecting either specific components from said plurality~~

21   ~~of system components or said at least one component kit for use in said~~

22   ~~computerized model~~

23   a computer program for determining at least one performance

24   characteristic for said at least a part of said communications network

25   which includes said at least one component kit and based on said

26   computerized model; and

27   means a display for representing said selected specific components

28   or said at least two system components of said at least one component kit

29   in said at least a part of said display as part of a communications network

30   together with a representation of at least a portion of said physical

31   environment.

1   11 (Currently amended). The apparatus of claim 10 further comprising a

2   means for generating wherein said computer program generates a bill of

3   materials containing cost information for said selected specific

4   components one or more system components or said at least one

5   component kit that are or will be utilized in said communications network.

1   12 (Currently amendedl). The apparatus of claim 10 wherein said display

2   is provides a three dimensional representation of at least a portion of said

3   physical environment, one or more components or component kits, or one

4   or more performance characteristics.

1   13 Canceled

1   14 (Currently amended). The apparatus of claim 10 13 further comprising

2   a measurement device means for measuring performance data and

3   representing presenting the measured performance data in said display.

1   15 (Currently amended). The apparatus of claim 10 13 further comprising

2   a means for comparing wherein said computer program computes

3   comparisons of measured performance data with said at least one predicted

4   performance characteristic or tunes at least one performance characteristic

5   based on said measured performance data results from said prediction

6   models.